



Launched by Motorola
freescale
semiconductor

27CSIMILE

**LAW DEPARTMENT
FREESCALE SEMICONDUCTOR, INC.**

DATE: April 29, 2005

TO: MS: ISSUE FEE (703) 305-8283
(ADDRESSEE) (EXTENSION)

USPTO (703) 746-4000
(LOCATION) (FAX NUMBER)

FROM: Pat Thomas for Robert L. King (512) 996-6839
(SENDER) (EXTENSION)

TOTAL NUMBER OF PAGES 6 (including this page)

**IF YOU HAVE ANY TROUBLE OR QUESTIONS WITH TRANSMISSION, OR HAVE RECEIVED IT IN
ERROR, PLEASE CALL:(512) 996-6839**

Docket No.: SC13166TC

Applicant: Ahmad H. Atriss et al.

Serial No.: 10/804,453

Art Unit: 2819

Filed: March 19, 2004

Class: 341-172000

ALL ITEMS MARKED WITH AN "X" ARE INCLUDED:

1.	x	1 page Facsimile Cover Sheet
2.	x	1 page PTOL-85B Issue Fee Transmittal (In duplicate)
3.	x	3 page Comments on Statement of Reasons for Allowance

Paid by Deposit Account 503079, Freescale Semiconductor, Inc: \$1700

If Applicant has overlooked any additional fees, or if any overpayment has been made, the Commissioner is hereby authorized to credit or debit Deposit Account 503079, Freescale Semiconductor, Inc.

**I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS
BEING FACSIMILE TRANSMITTED TO THE PATENT AND TRADEMARK OFFICE:**

ON: 4-29-05
Date

Pat Thomas

Signature

FREESCALE LAW DEPARTMENT
7700 W. PARMER LANE MD: TX32/PL02
AUSTIN, TEXAS 78729
Fax Number (512) 996-6854

NOTICE: This facsimile transmission may contain information that is confidential, privileged or exempt from disclosure under applicable law. It is intended only for the person to whom it is addressed. Unauthorized use, disclosure, copying or distribution may expose you to legal liability. If you have received this transmission in error, please immediately notify us by telephone (collect) to arrange for return of the documents received and any copies made. Thank you.



DOCKET NO. SC13166TC

UNITED STATES PATENT AND TRADEMARK OFFICE
APPLICANT Ahmad H. Atriss et al. GROUP ART UNIT: 2819
APPLN. NO.: 10/804,453 EXAMINER: Khai M. Nguyen
FILED: March 19, 2004 CONFIRMATION No.: 7270
TITLE: OPTIMIZED REFERENCE VOLTAGE GENERATION USING
SWITCHED CAPACITOR SCALING FOR DATA
CONVERTERS

Certificate of Transmission under 37 C.F.R. 1.8

I hereby certify that this correspondence is being
facsimile transmitted to the Patent and Trademark
Office.

on 4-29-05
Signature
Printed Name of Person Signing Certificate

COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This paper is filed contemporaneous with the filing of the issue fee for this application. Entrance of the comments provided below regarding the statement of reasons for allowance provided by the Examiner is respectfully requested.

FEES

Applicants authorize the charging of Deposit Account No. 503079 (Freescale Semiconductor, Inc.) for any fees owed in connection with this application, or credit Deposit Account No. 503079 (Freescale Semiconductor, Inc.) for any refunds.

DOCKET NO. SC13166TC

REMARKS

In a communication mailed April 19, 2005, claims 1, 3-5, 7-23, 25, 27-28, 30-44 and 46-47 were allowed. The Examiner provided a statement of reasons for allowance. Applicants respectfully submit that the recited combination of features recited within claims 23, 25, 27-42 and 43 are not taught or suggested by the prior art made of record. Additionally, claim 44 was stated to be allowable because of the recited subject matter and a direct quotation of a portion of the claim 44 was made. The combination of all of the recitals of claim 44 contributes to the claim's novel. It should also be understood that Applicants defined the phrase "a range between two power supply potentials" to mean a range that includes the two power supply potentials and all intervening values from each power supply potential. In other words, the range starts at one of the two power supply potentials and extends to the other power supply potential inclusively. Therefore, voltages of the second recited operating range may include the two power supply potential values as being "substantially within the first operating range" as recited in claim 44. Further, the recited scaling method of claim 44 does not preclude the additional functionality of providing a scaled reference signal external to the recited operating range in

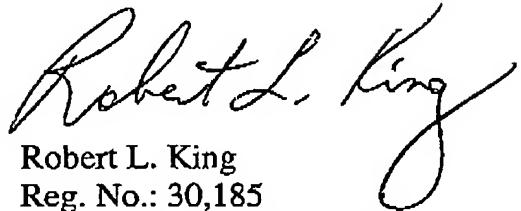
DOCKET NO. SC13166TC

addition to the recited scaling of claim 44 in the allowed form.

Respectfully submitted,

SEND CORRESPONDENCE TO:

Freescale Semiconductor, Inc.
Law Department
Customer Number: 23125


Robert L. King
Reg. No.: 30,185
Phone No.: 512-996-6839
Fax No.: 512-996-6853